

## ABSTRACT

[Abstract of the Disclosure]

5        Provided are a write once disc with a temporary defect management area, and  
a disc defect management method and apparatus therefor. The write once disc is a  
single record layer disc wherein a lead-in area, a data area, and a lead-out area are  
sequentially positioned, the write once disc including a defect management area that is  
present in at least one of the lead-in area and the lead-out area; a temporary defect  
management area that is present in at least one of the lead-in area and the lead-out  
10    area; and a drive & disc information area that is present in at least one of the lead-in  
area and the lead-out area. Information regarding the locations of temporary defect  
information and temporary defect management information is recorded in the drive &  
disc information area, the temporary defect information and temporary defect  
management information, which includes drive & disc information, are recorded in the  
15    temporary defect management area, and temporary defect information and temporary  
defect management information, which are lastly recorded in the temporary defect  
management area, are recorded in the defect management area for disc finalization.  
Accordingly, disc defect management can be effectively performed on the write once  
disc. Also, drive and disc information, which includes information regarding the  
20    location of a test area in which recording conditions are measured and write protect  
information, is recorded as temporary defect management information, thereby  
increasing the reliability of a system.

[Representative Drawing]

25

FIG. 8A